

**WHAT IS CLAIMED IS:**

1. A snow chain, comprising:

5           a connection set having a plurality of planks, each of which has an arch portion having a curvature and a connection portion having a hook portion;

          a radial chain set having a plurality of radial chains having ends coupled with the planks respectively;

10           a main chain coupled with distal ends of the radial chains, wherein the main chain has a hook device to connect opposite ends of the main chain into an annular form;

15           a coupling assembly set having a plurality of coupling devices to tighten two of the planks, each of which has a rotary member and a connection member movably mounted on the rotary member, wherein the rotary member is rotated to move the connection member outwardly or inwardly.

20           2. The snow chain as defined in claim 1, wherein the coupling device further comprises a hook pivoted on an end of the rotary member and the rotary member has a thread hole and the connection member has a hook at an end thereof and a thread section so that the connection member is screwed into the thread hole.

25           3. The snow chain as defined in claim 1, wherein the hook portion of the

plank is a recess on the connection portion.

4. The snow chain as defined in claim 1, wherein the hook portion of the plank is a hole on the connection portion.

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5. The snow chain as defined in claim 1, wherein the hook portion of the plank is a ring mounted on the connection portion.

6. The snow chain as defined in claim 1, wherein the connection set further  
10 has a plurality of ring devices to couple each two of the neighboring planks.

7. The snow chain as defined in claim 1, wherein the connection set further has a plurality of hook devices to couple each two of the neighboring planks.

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8. A snow chain, comprising:

a connection set having a plurality of planks, each of which has an arch portion having a curvature and a connection portion having a hook portion;

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a radial chain set having a plurality of radial chains having ends coupled with the planks respectively;

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a main chain coupled with distal ends of the radial chains, wherein the main chain has a hook device to connect opposite ends of the main chain into an annular form;

a coupling assembly set having a plurality of coupling devices to tighten two of the planks, each of which has a rotary member and two connection member movably mounted on the rotary member respectively, wherein the rotary member is  
5 rotated to move the connection members outwardly or inwardly.

9. The snow chain as defined in claim 8, wherein the rotary member of the coupling device has two thread holes and the connection members each has a hook at an end thereof and a thread section so that the connection members are screwed into  
10 the thread holes respectively.

10. The snow chain as defined in claim 8, wherein the hook portion of the plank is a recess on the connection portion.

15 11. The snow chain as defined in claim 8, wherein the hook portion of the plank is a hole on the connection portion.

12. The snow chain as defined in claim 8, wherein the hook portion of the plank is a ring mounted on the connection portion.

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13. The snow chain as defined in claim 8, wherein the connection set further has a plurality of ring devices to couple each two of the neighboring planks.

14. The snow chain as defined in claim 8, wherein the connection set further  
25 has a plurality of hook devices to couple each two of the neighboring planks.